



FIG. 1

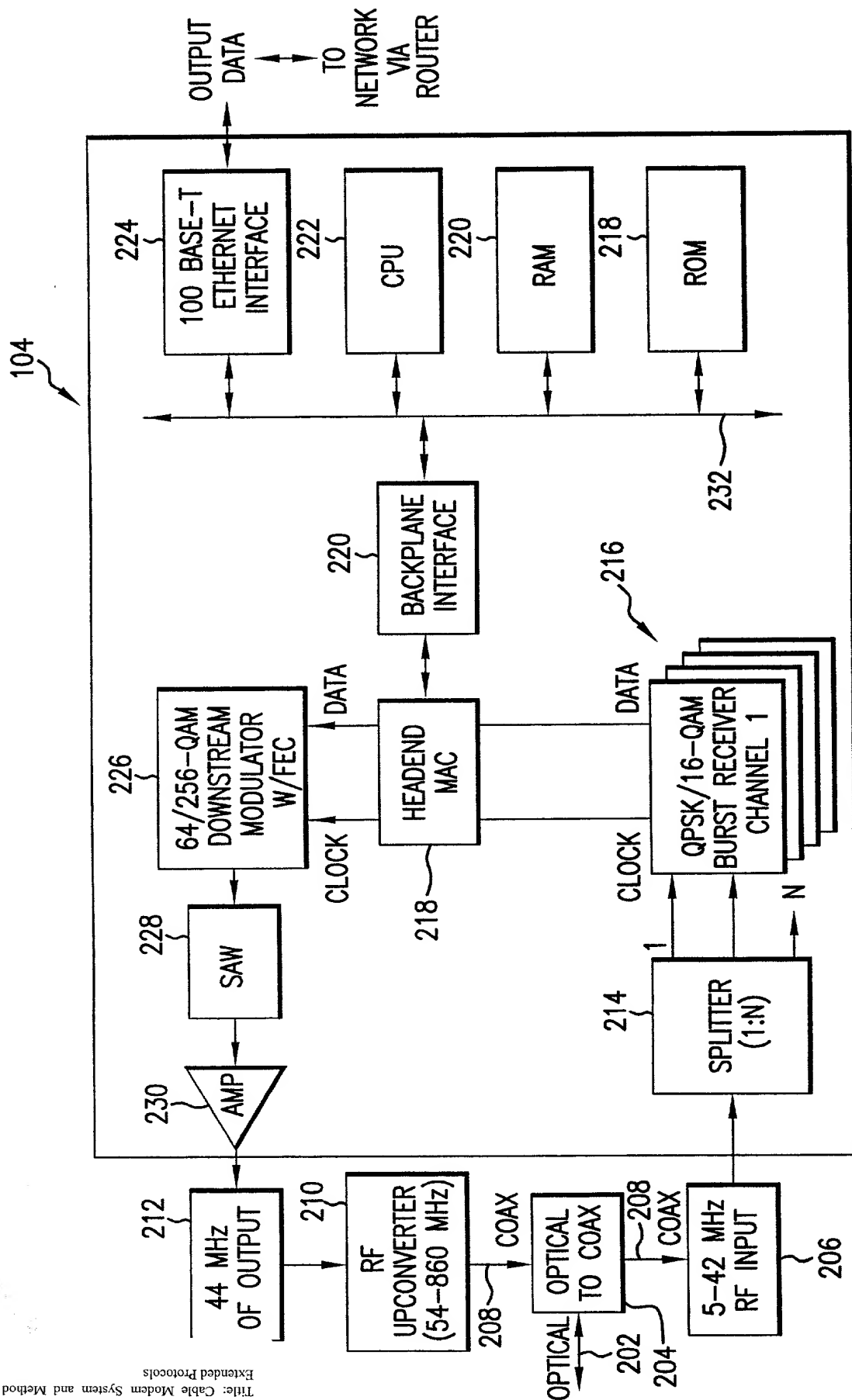


FIG.2

108

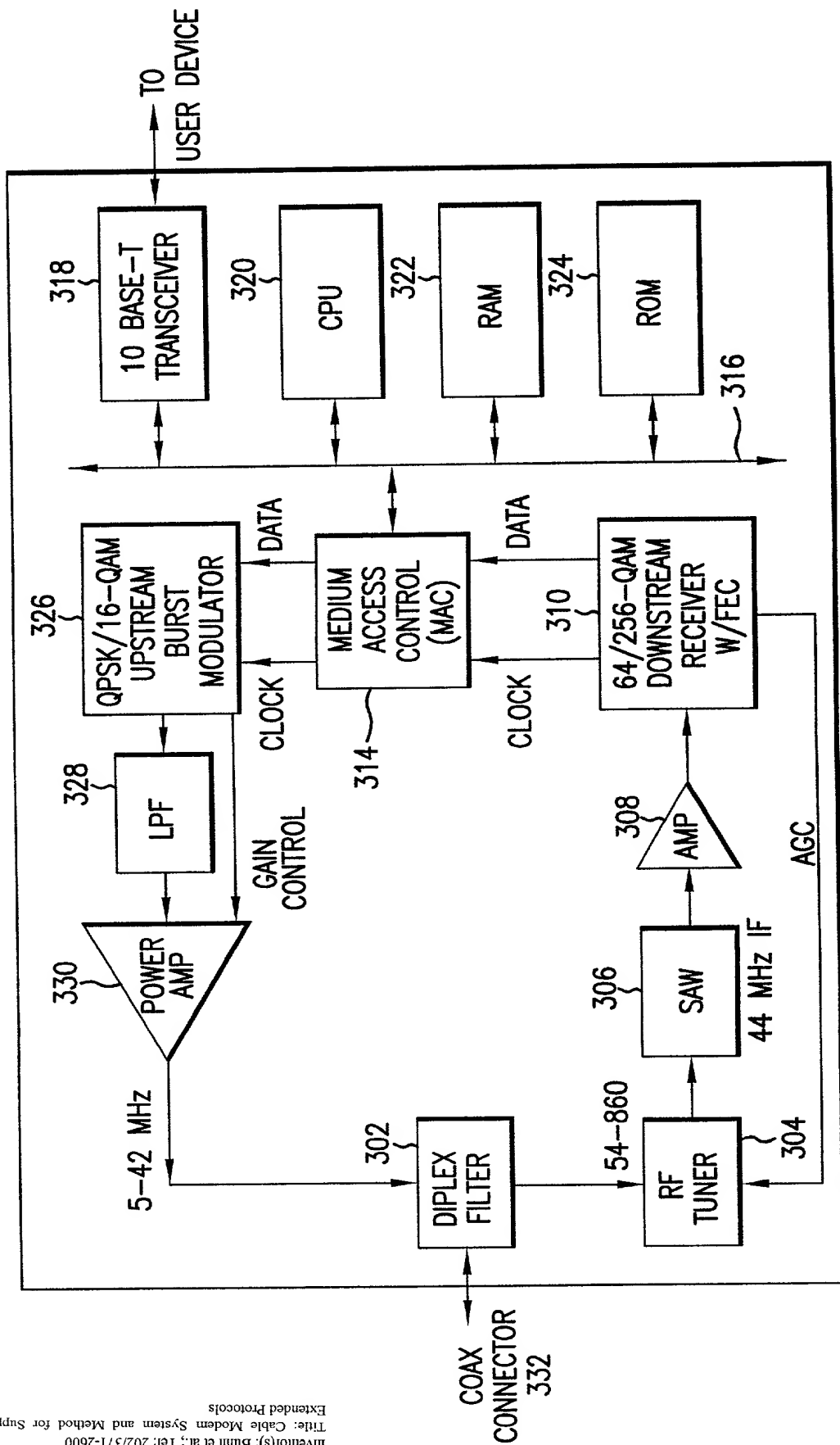


FIG.3

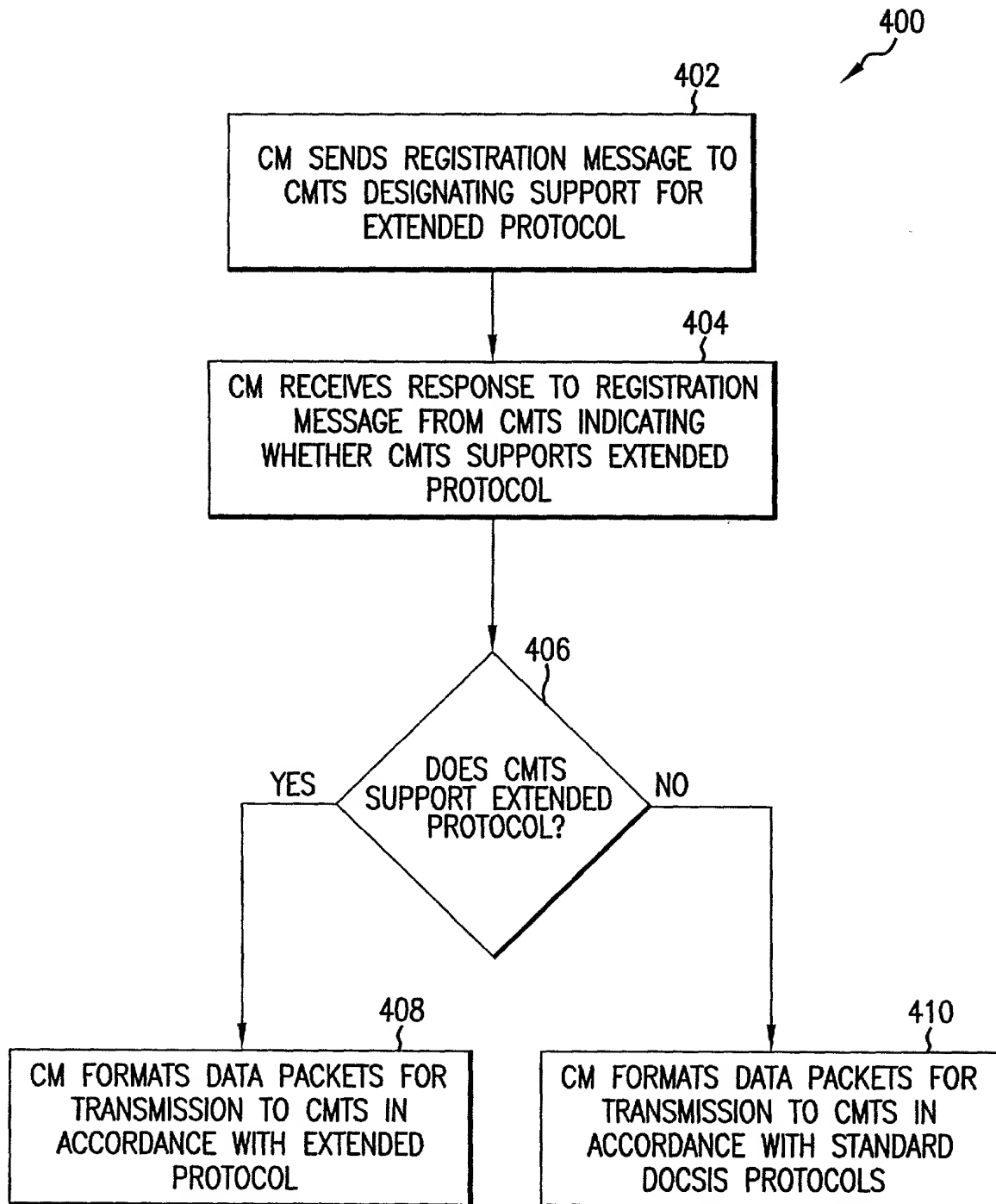


FIG.4

2006010" 5/25/2006

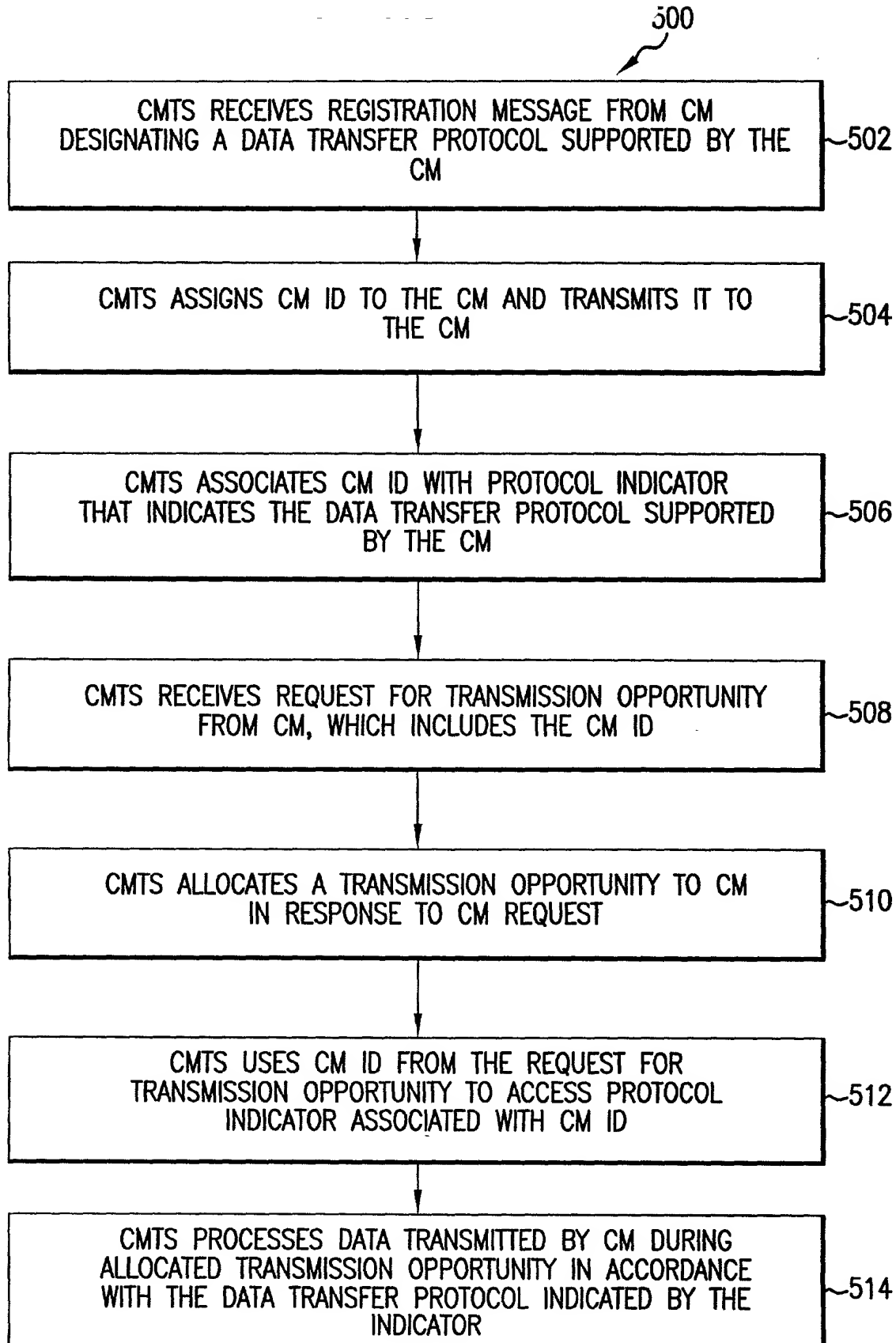


FIG.5

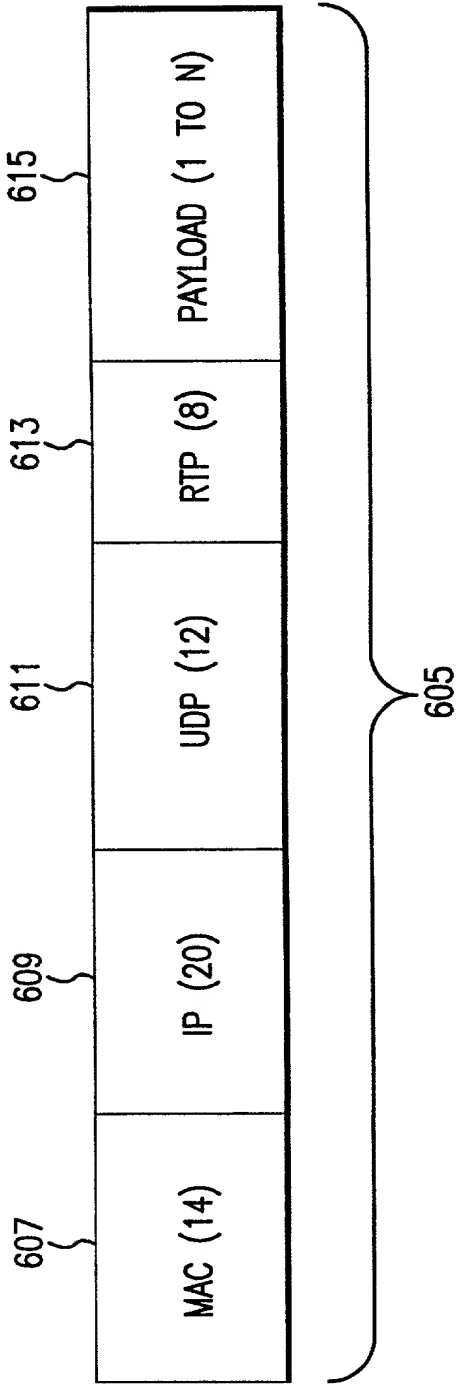


FIG.6A

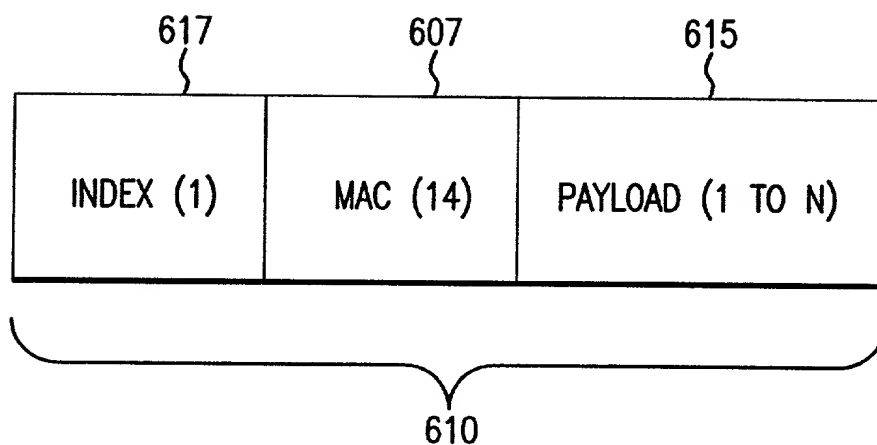


FIG.6B

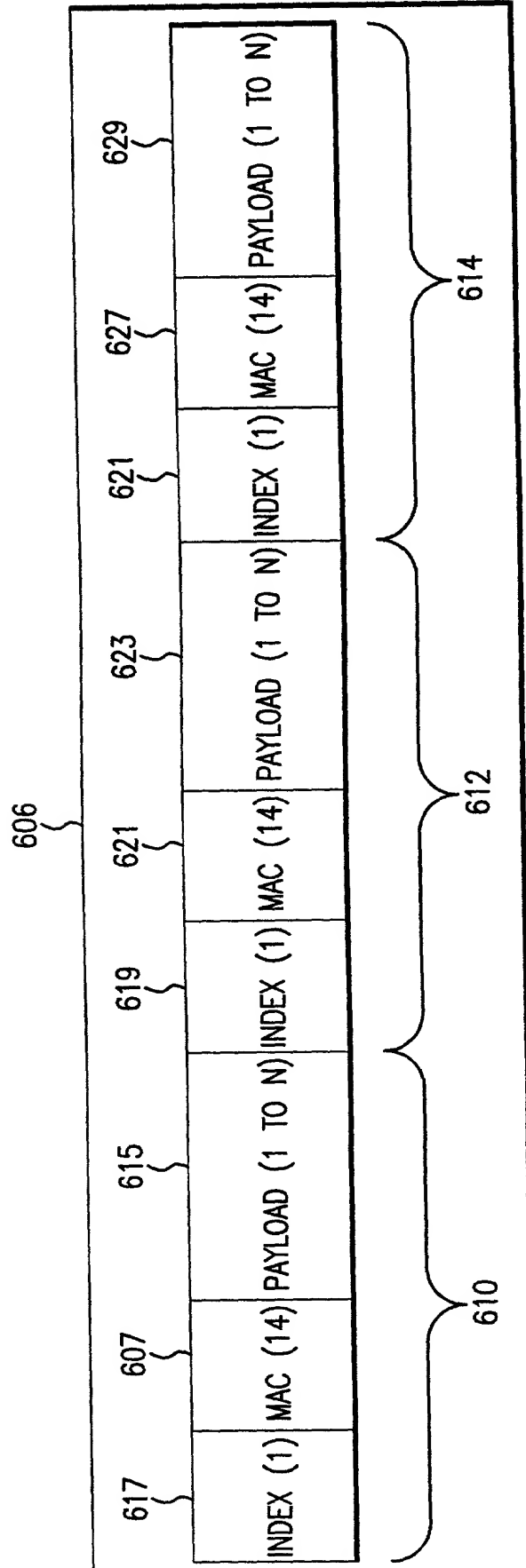
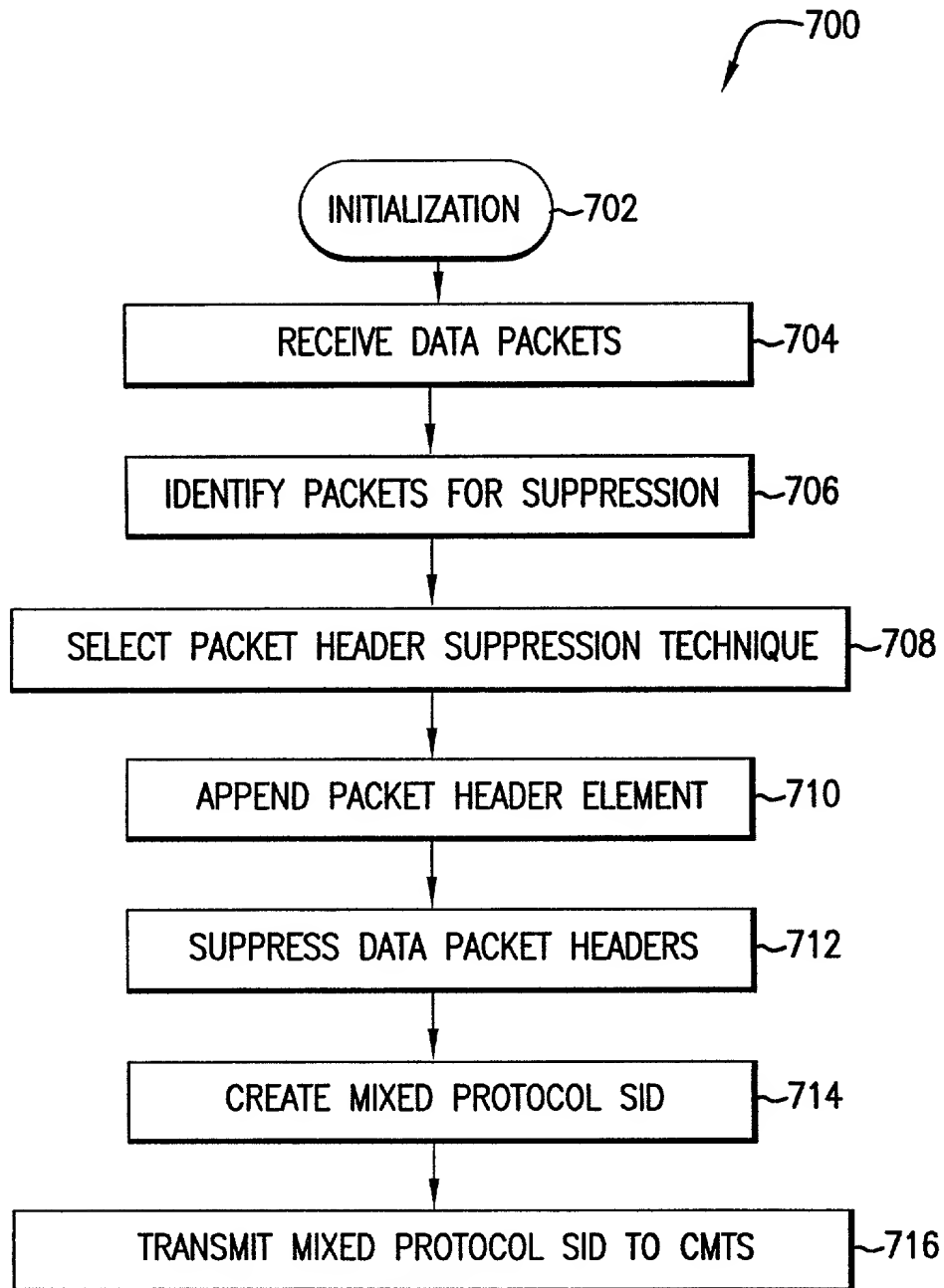


FIG. 6C

2025-07-07 14:28:26



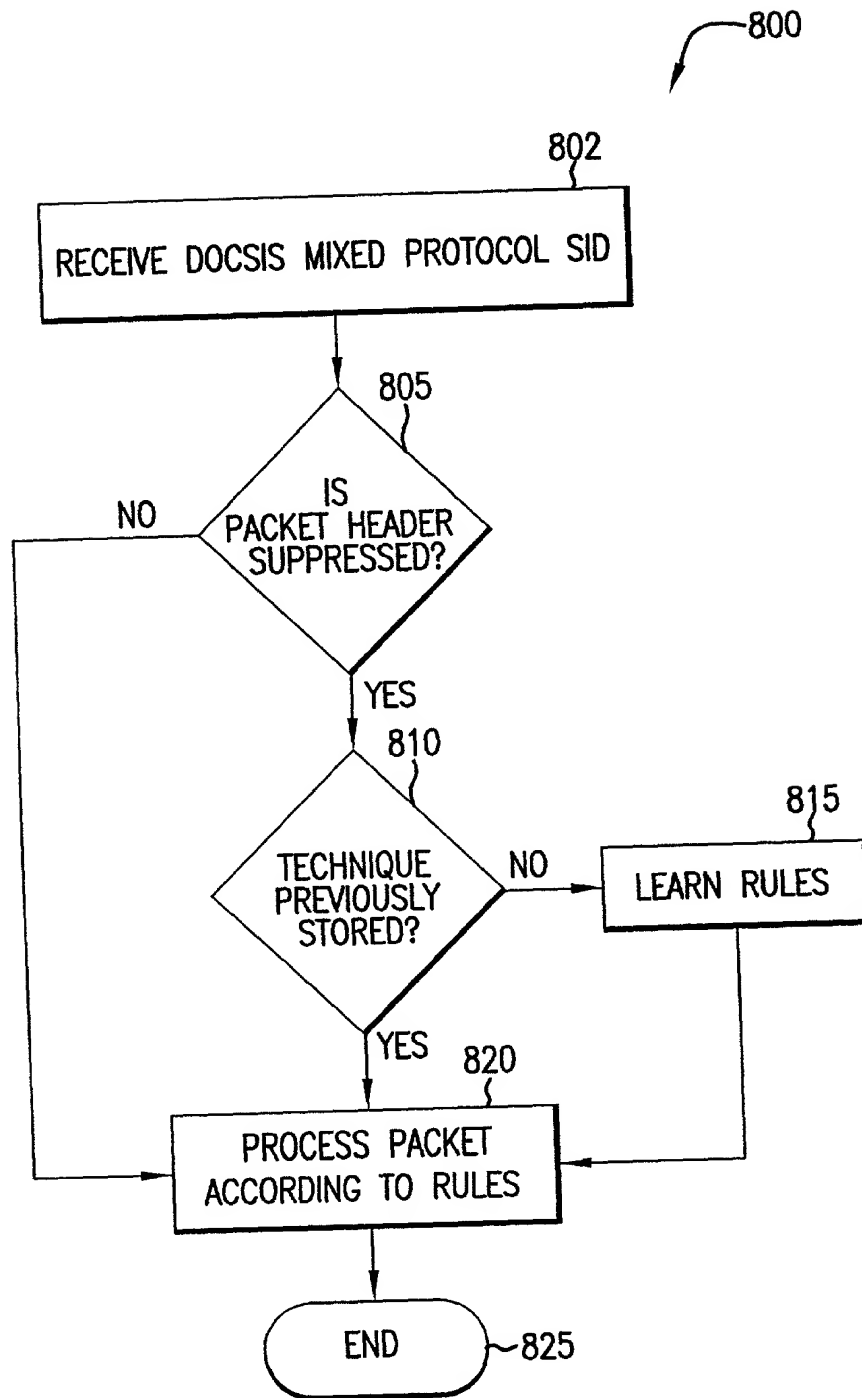


FIG.8

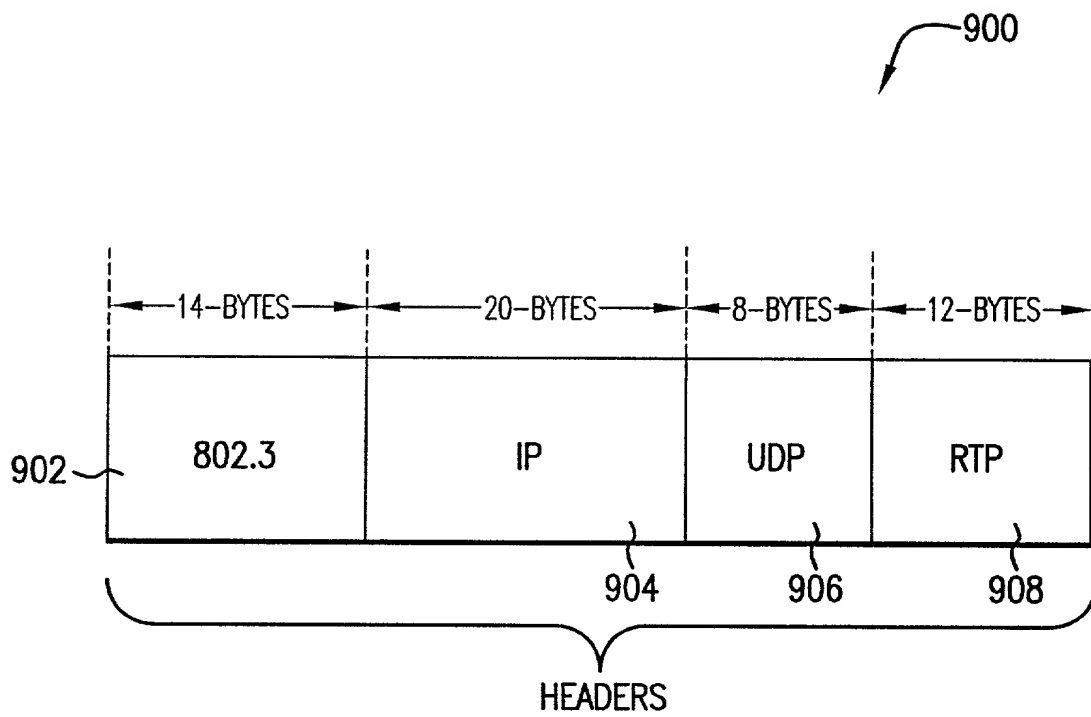
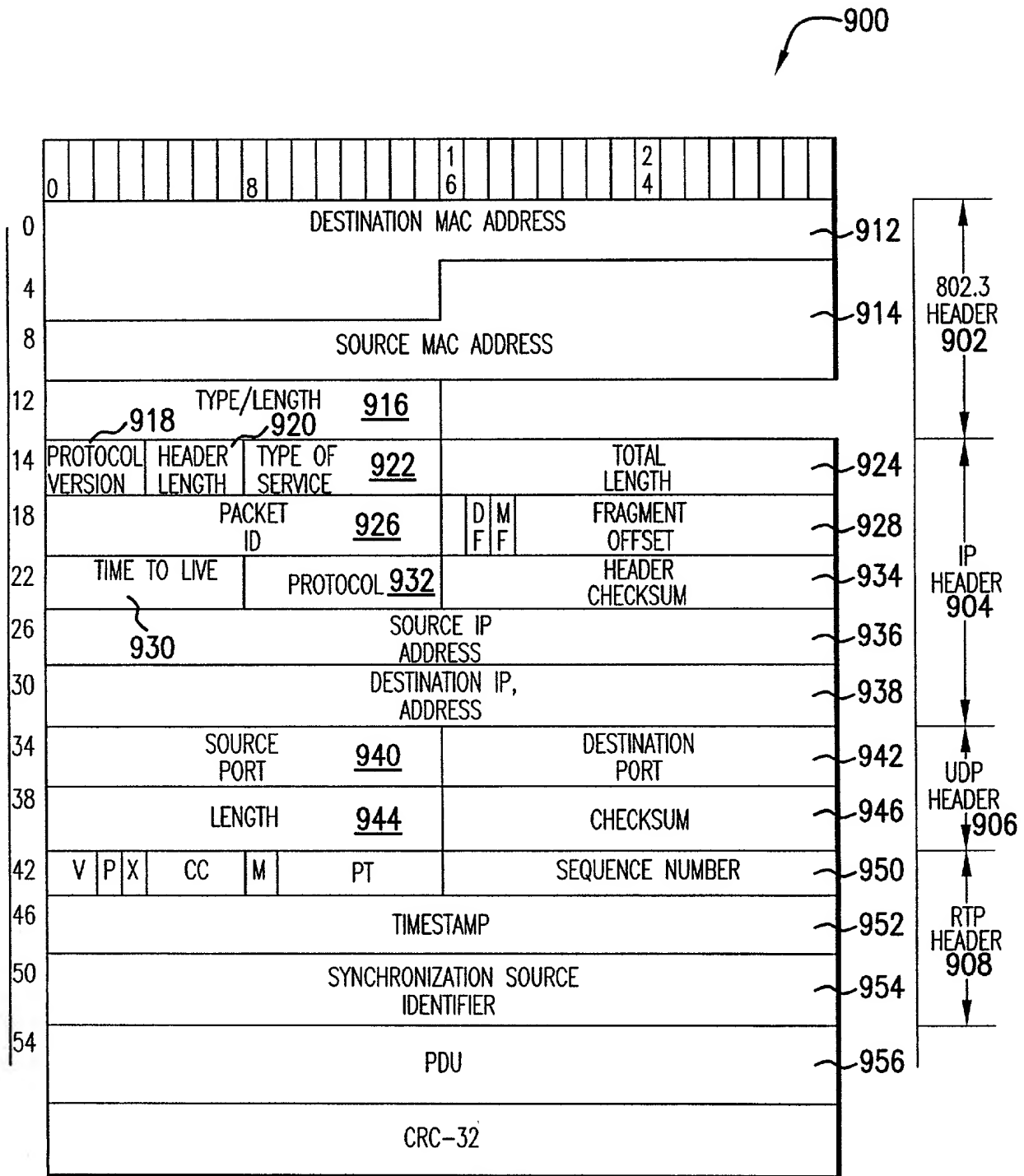


FIG.9A



Appl. No. 09/973,875; Group Art Unit. 2631

Dkt. No. 1875.0650001;

Inventor(s): Bunn et al.; Tel: 202/371-2600

Title: Cable Modem System and Method for Supporting
Extended Protocols

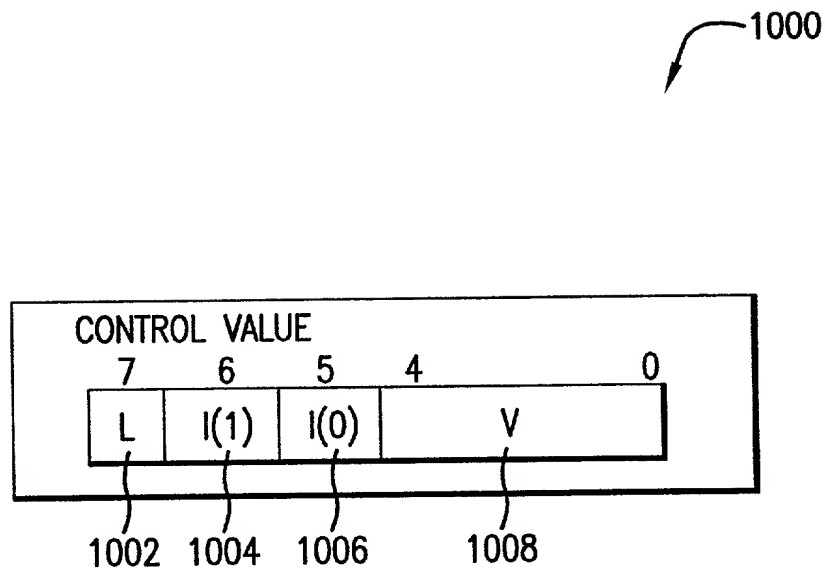
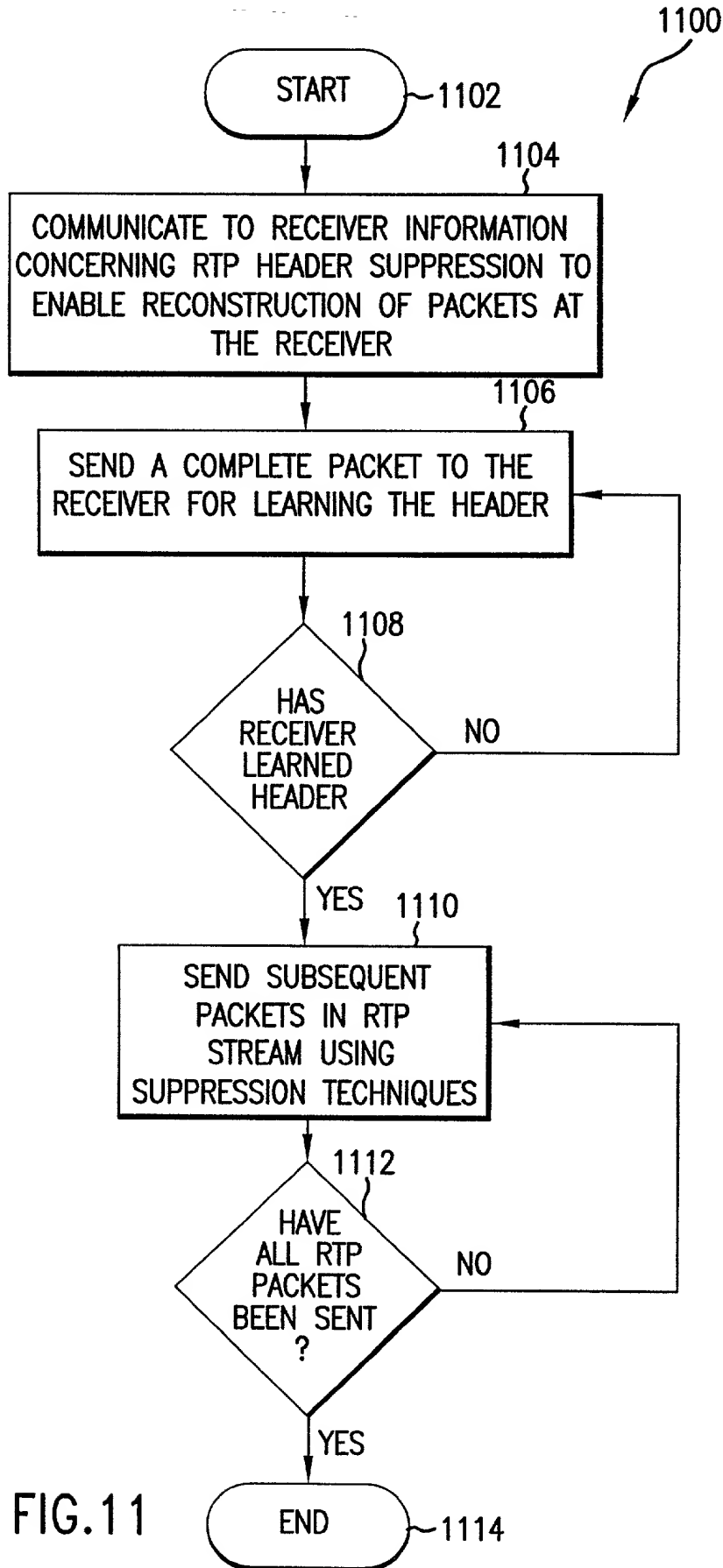


FIG.10



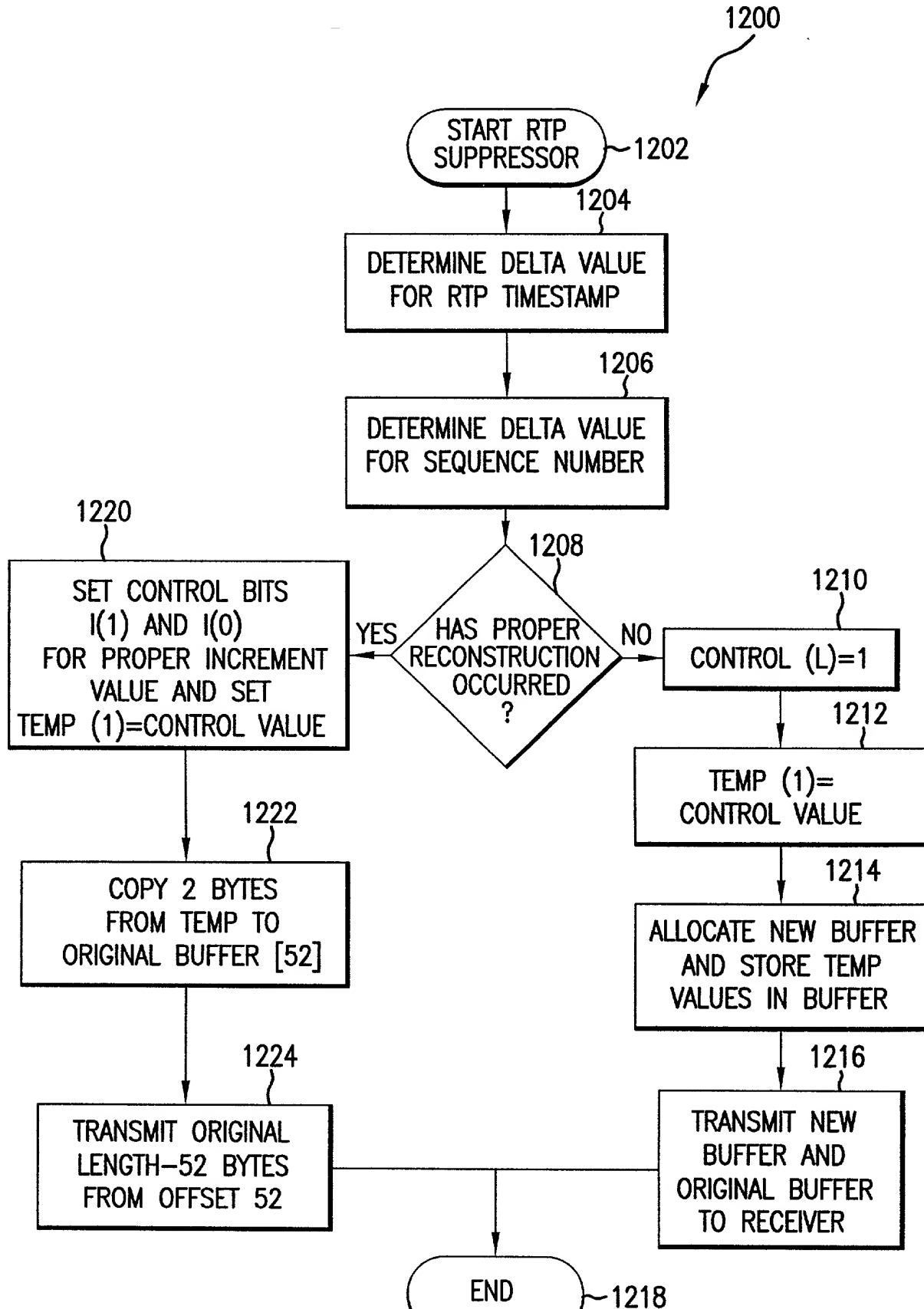


FIG.12A

006010" 528E2660

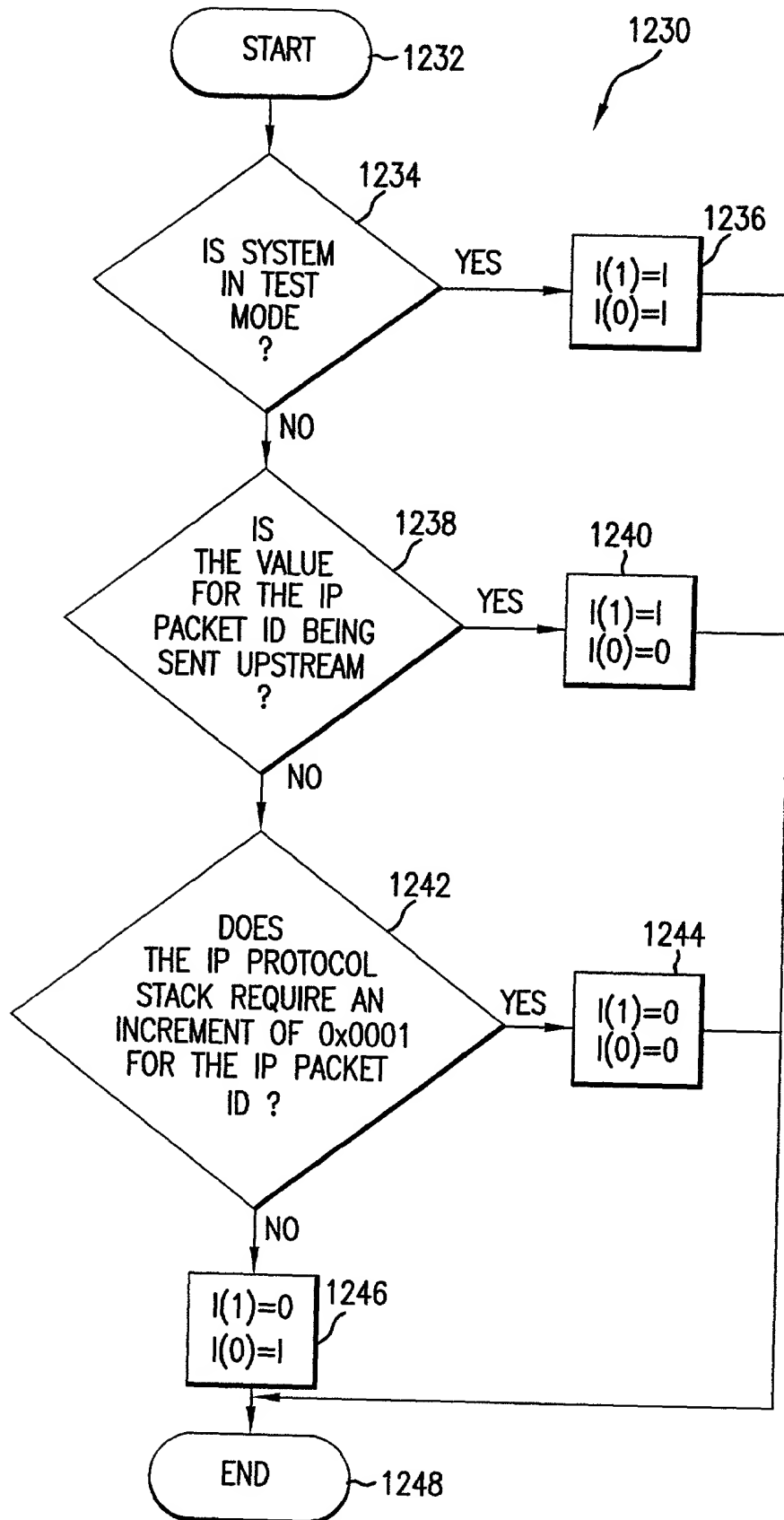


FIG.12B

09973875.010900

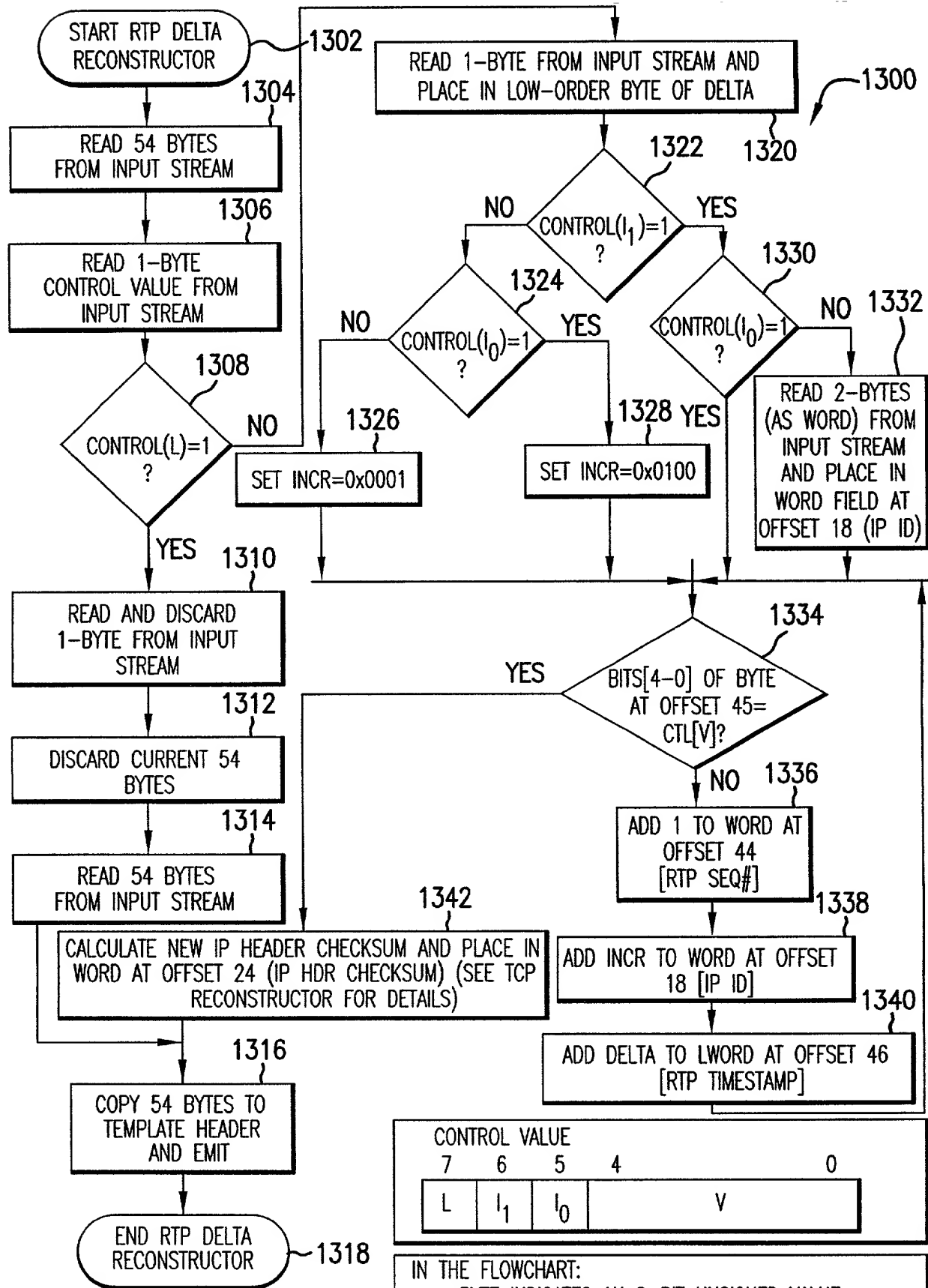


FIG.13

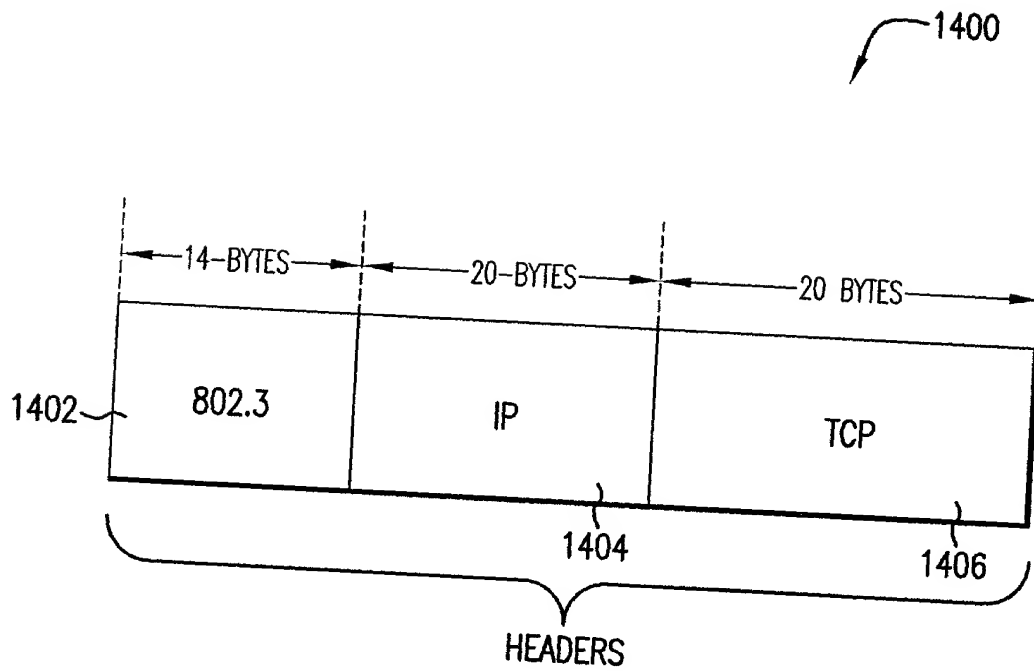


FIG.14A

Appl. No. 09/973,875; Group Art Unit: 2631
 Dkt. No. 1875.0650001;
 Inventor(s): Bunn et al.; Tel: 202/371-2600
 Title. Cable Modem System and Method for Supporting
 Extended Protocols

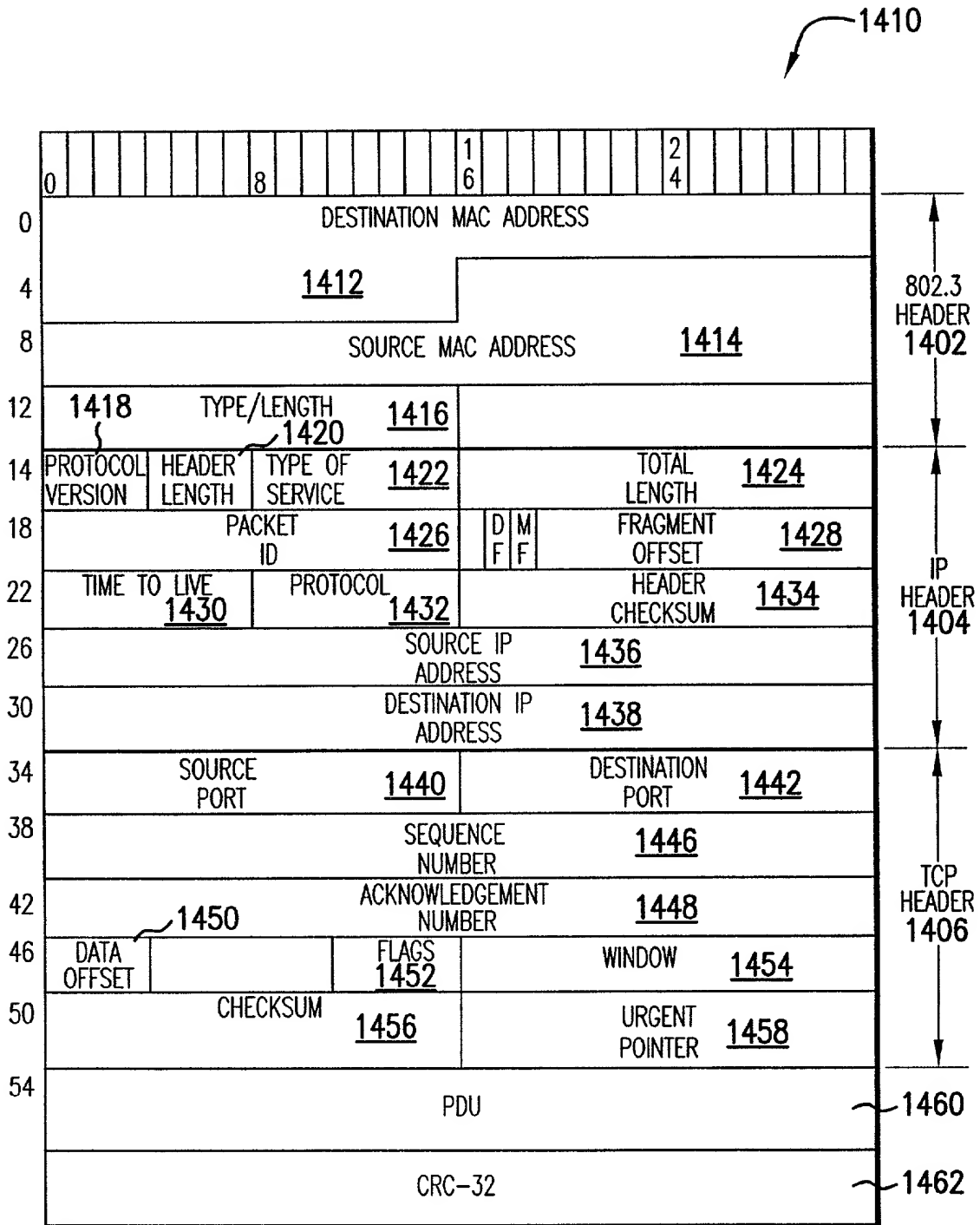


FIG.14B

1500

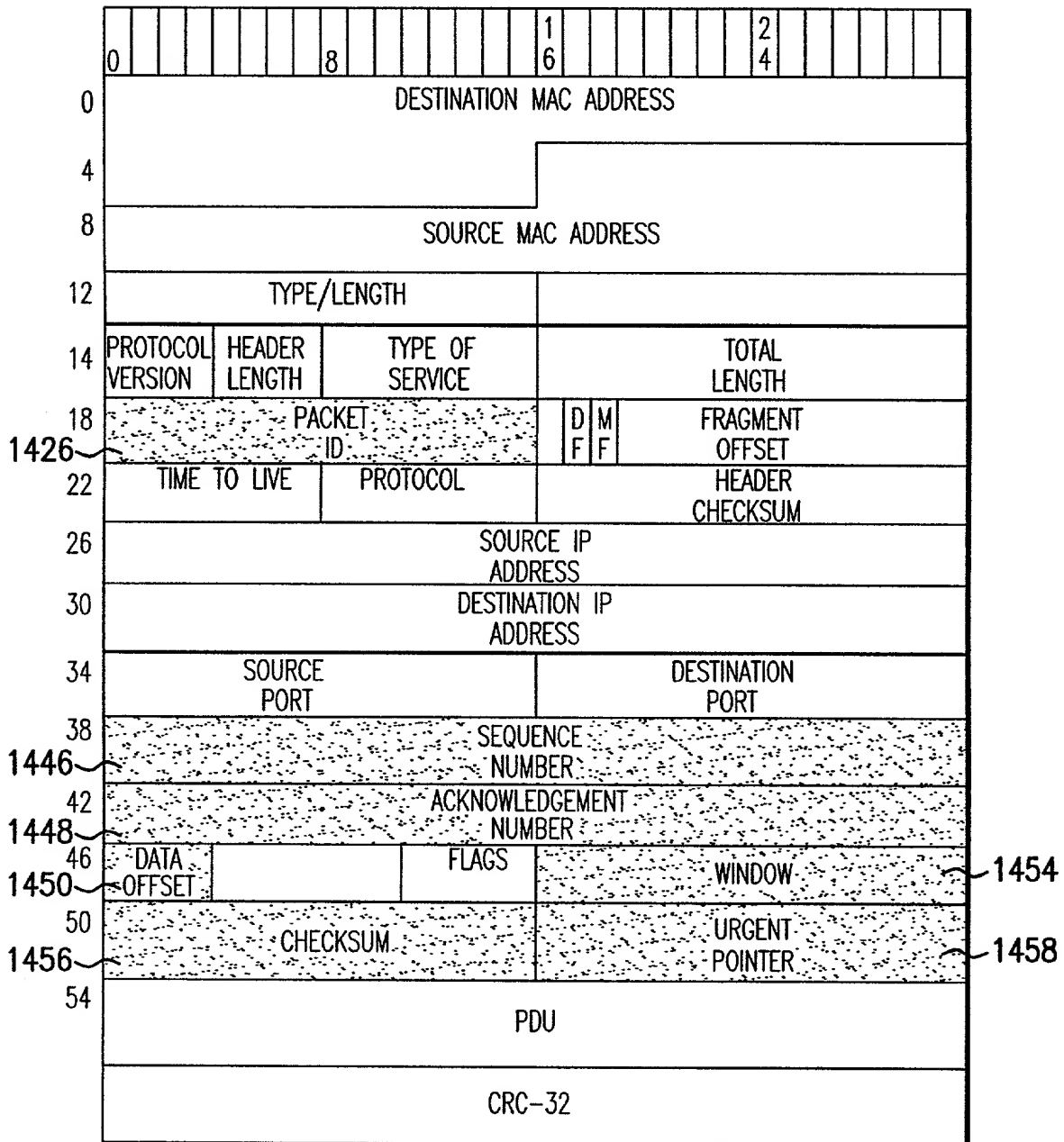


FIG.15

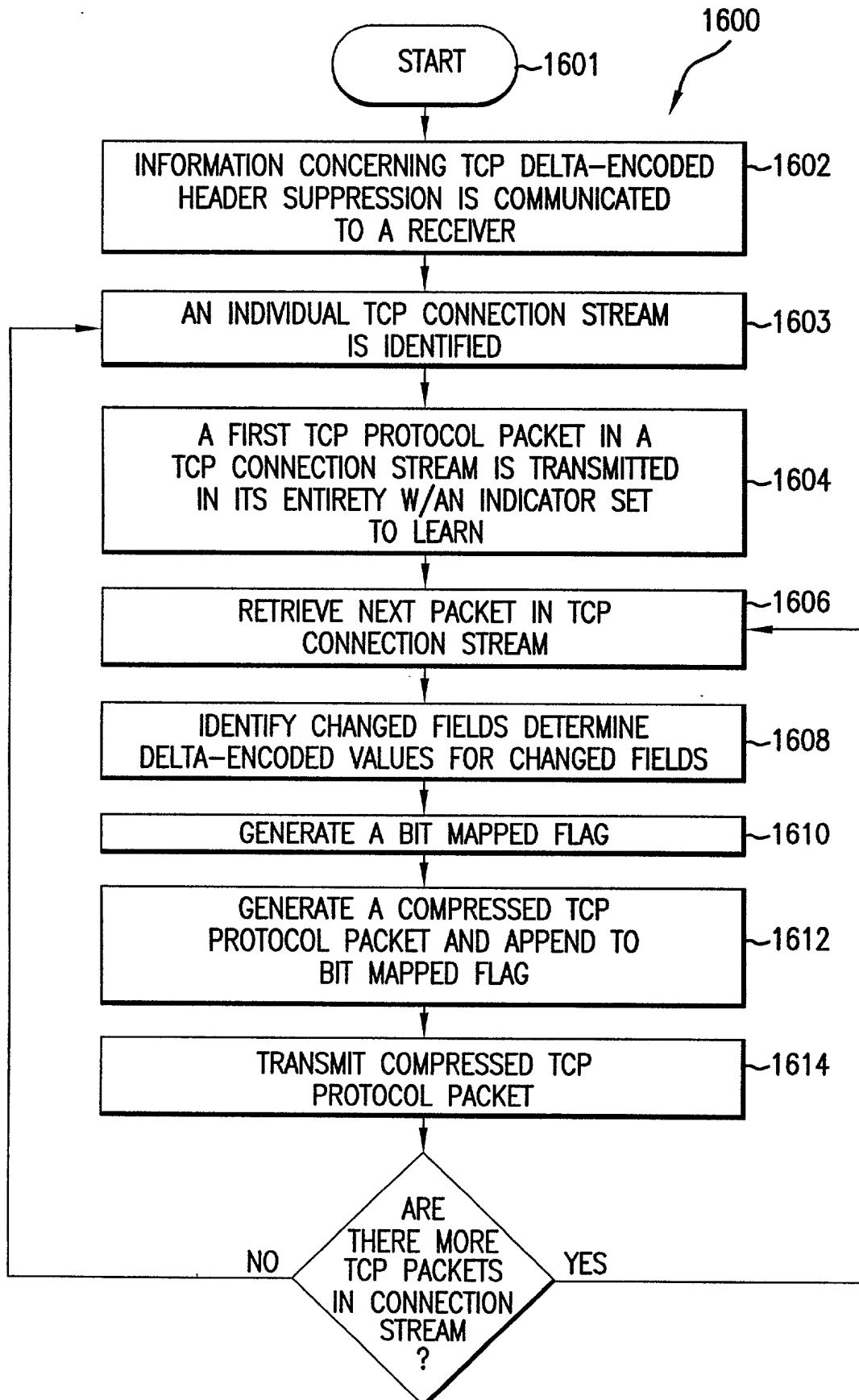


FIG. 16A

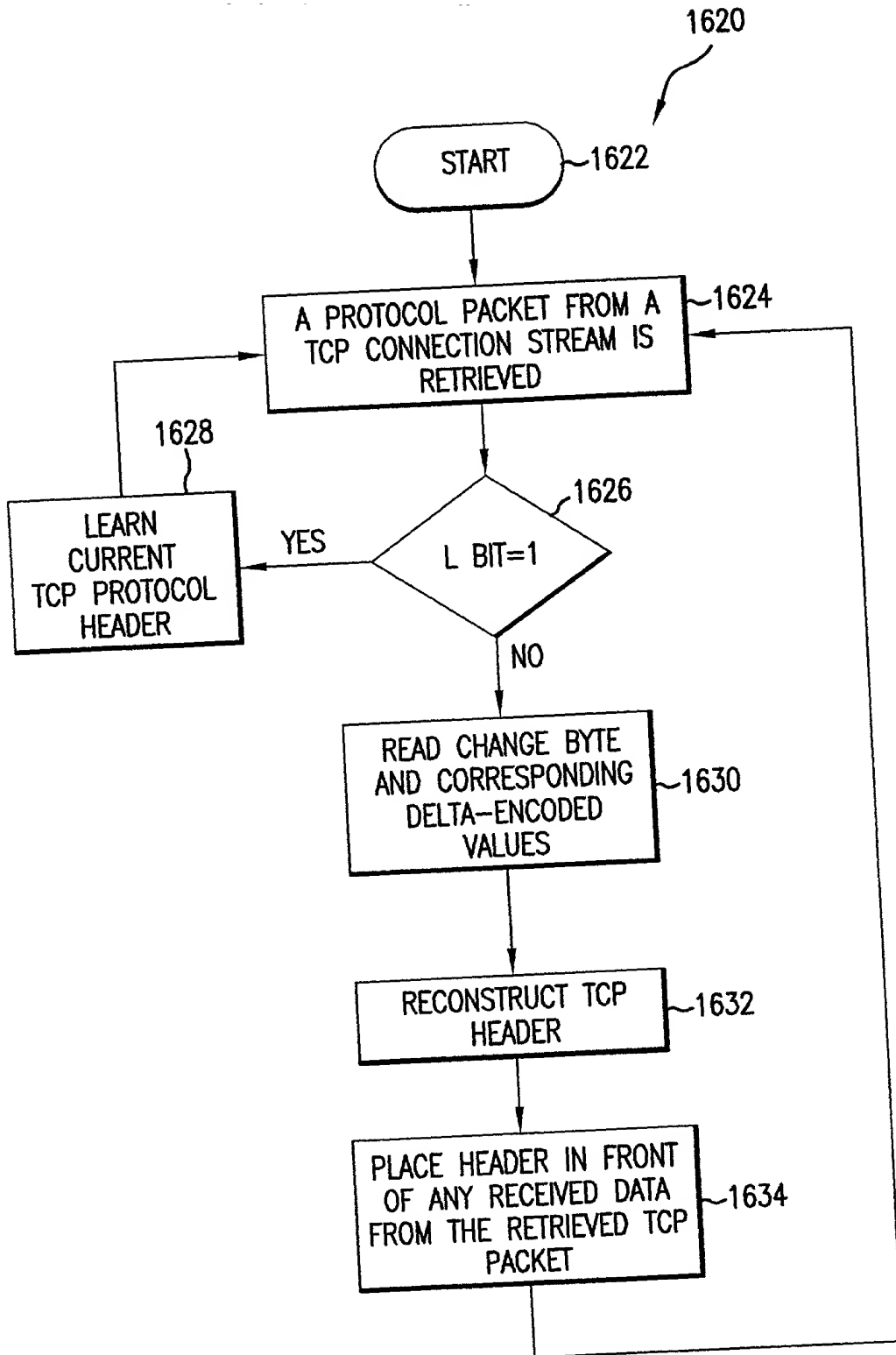


FIG.16B

206070" 528E/660

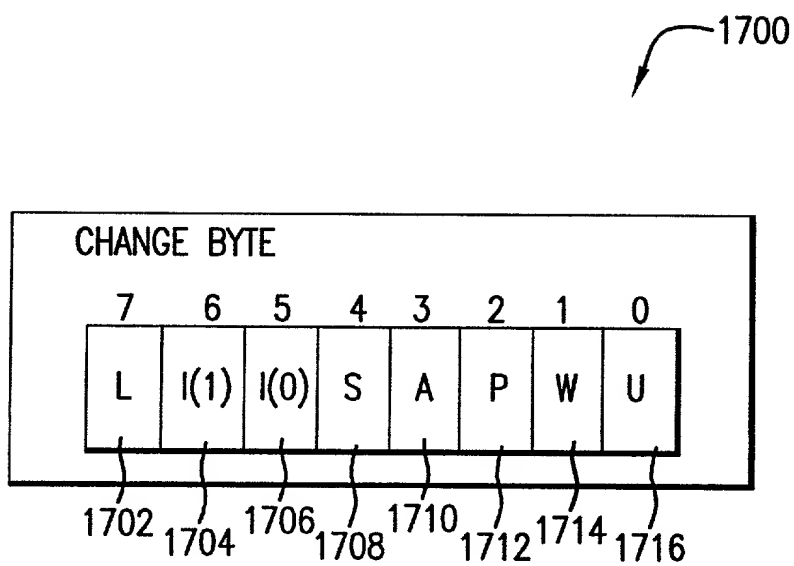


FIG.17

066070" 5/8E/660

1800

1802		1700		1404 1808		1810	1812	1814	1406	1816	1818	1820	1822
		IP				TCP							
FIELD		CHANGE		PACKET ID		ΔSEQ. NO.	ΔACK. NO.	DATA OFFSET	WINDOW	CHECKSUM	URGENT PTR.	PDU	
NUMBER OF BYTES		1		0/2		0/2		1	0/2	2	0/2	N	
1804		1806		1809		1811	1813	1815	1817	1819	1821	1823	

TRANSMIT ORDER (NORMAL)

1900

0	FLAGS	1700
	IP ID	1808
	TCP SEQUENCE NUMBER	1810
	TCP ACKNOWLEDGEMENT NO.	1812
	TCP DATA OFFSET	1814
	TCP WINDOW	1816
	TCP HEADER CHECKSUM	1818
	TCP URGENT POINTER	1820
	PDU	1822

FIG.19

2060T0"3/8E/660

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Dkt No. 1875.0650001,
Inventor(s). Bunn et al., Tel: 202/371-2600
Title: Cable Modem System and Method for Supporting
Extended Protocols

2000

TRANSMIT ORDER (LEARN)

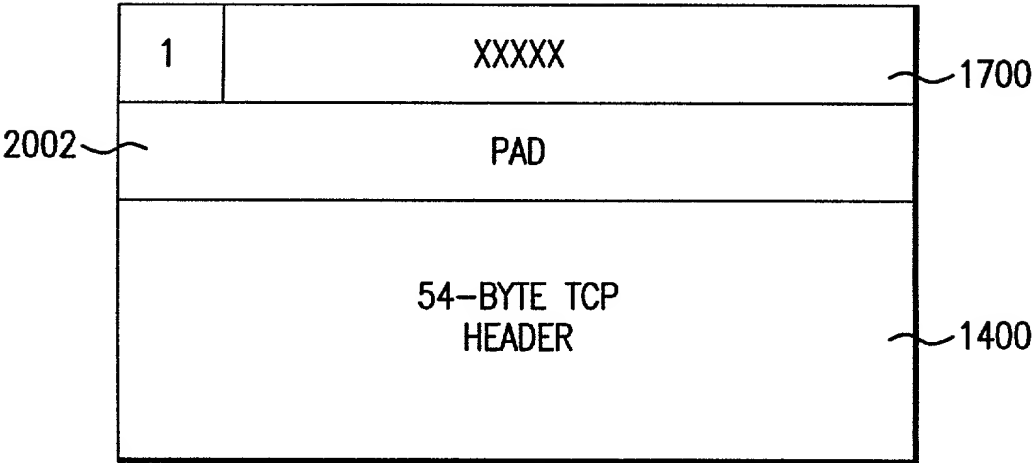


FIG.20

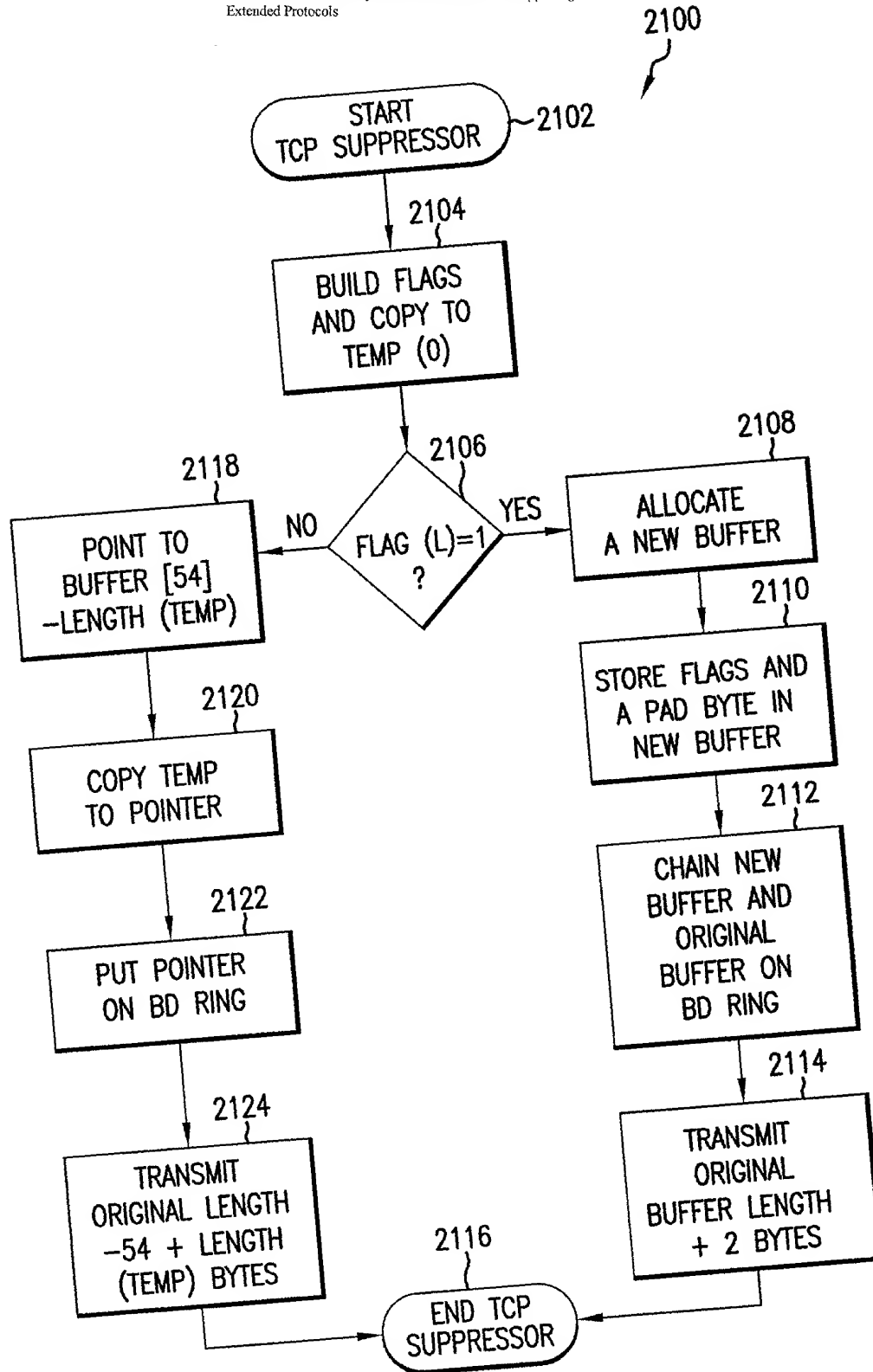


FIG.21

20070101 20070101

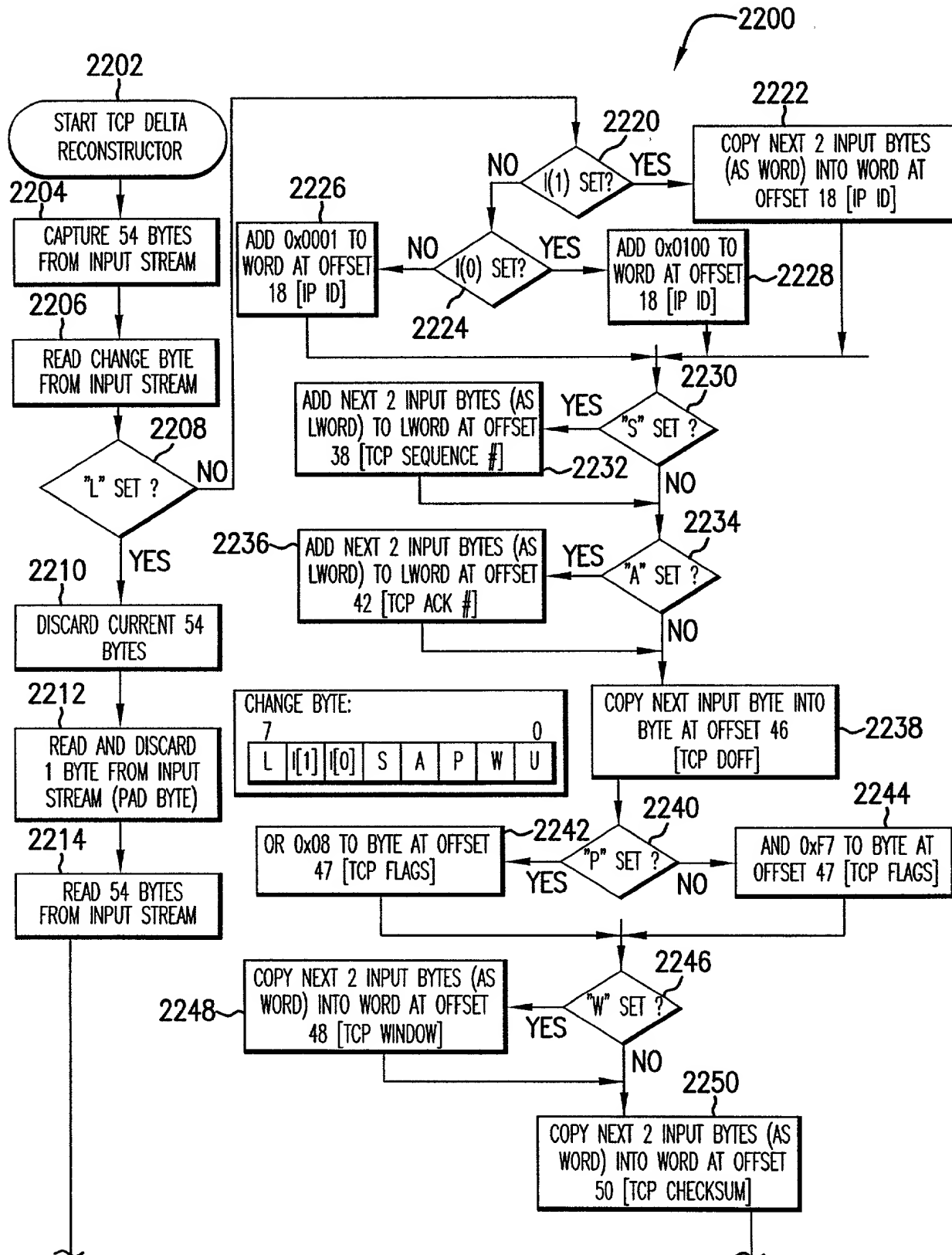


FIG.22A

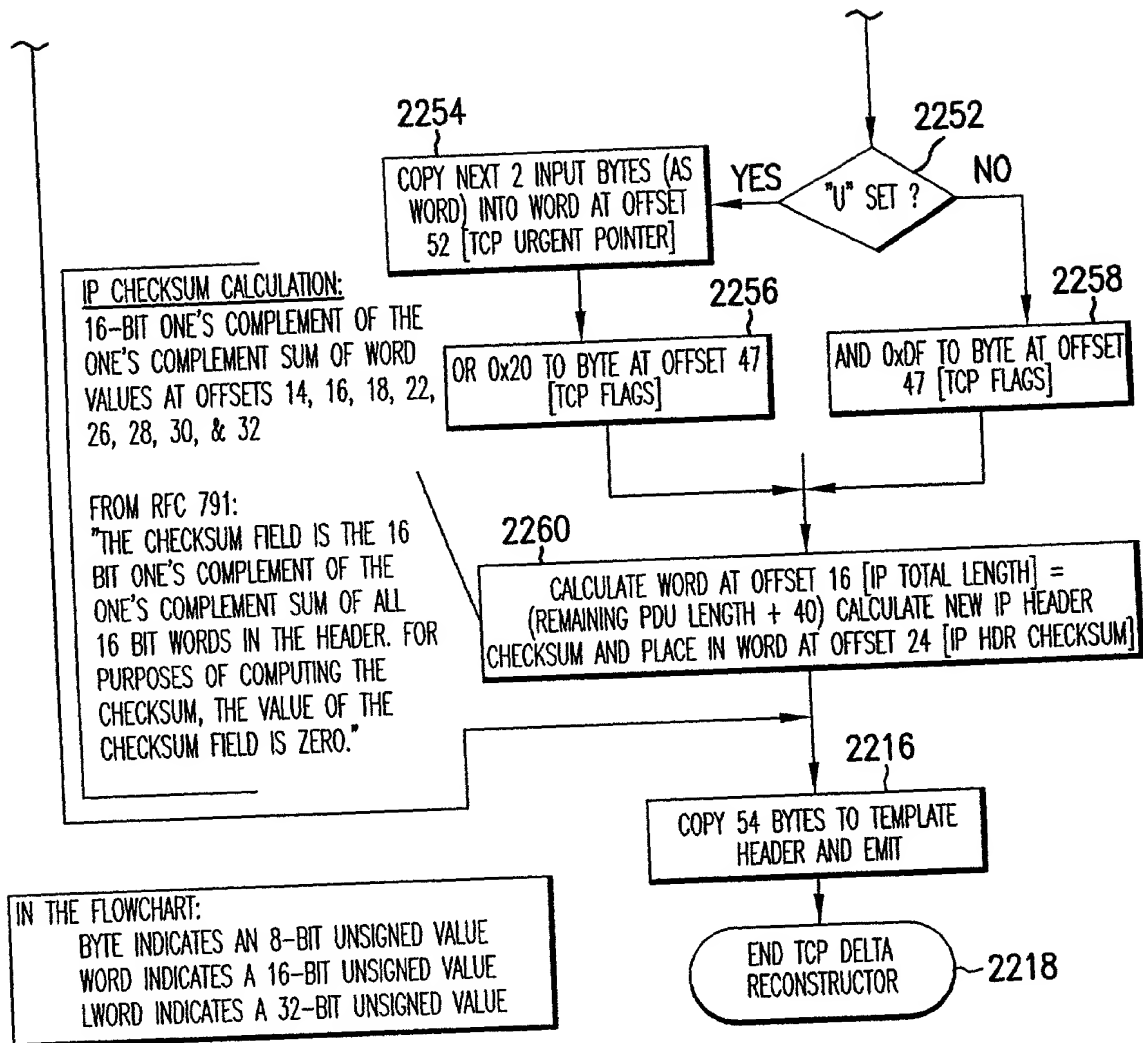


FIG.22B

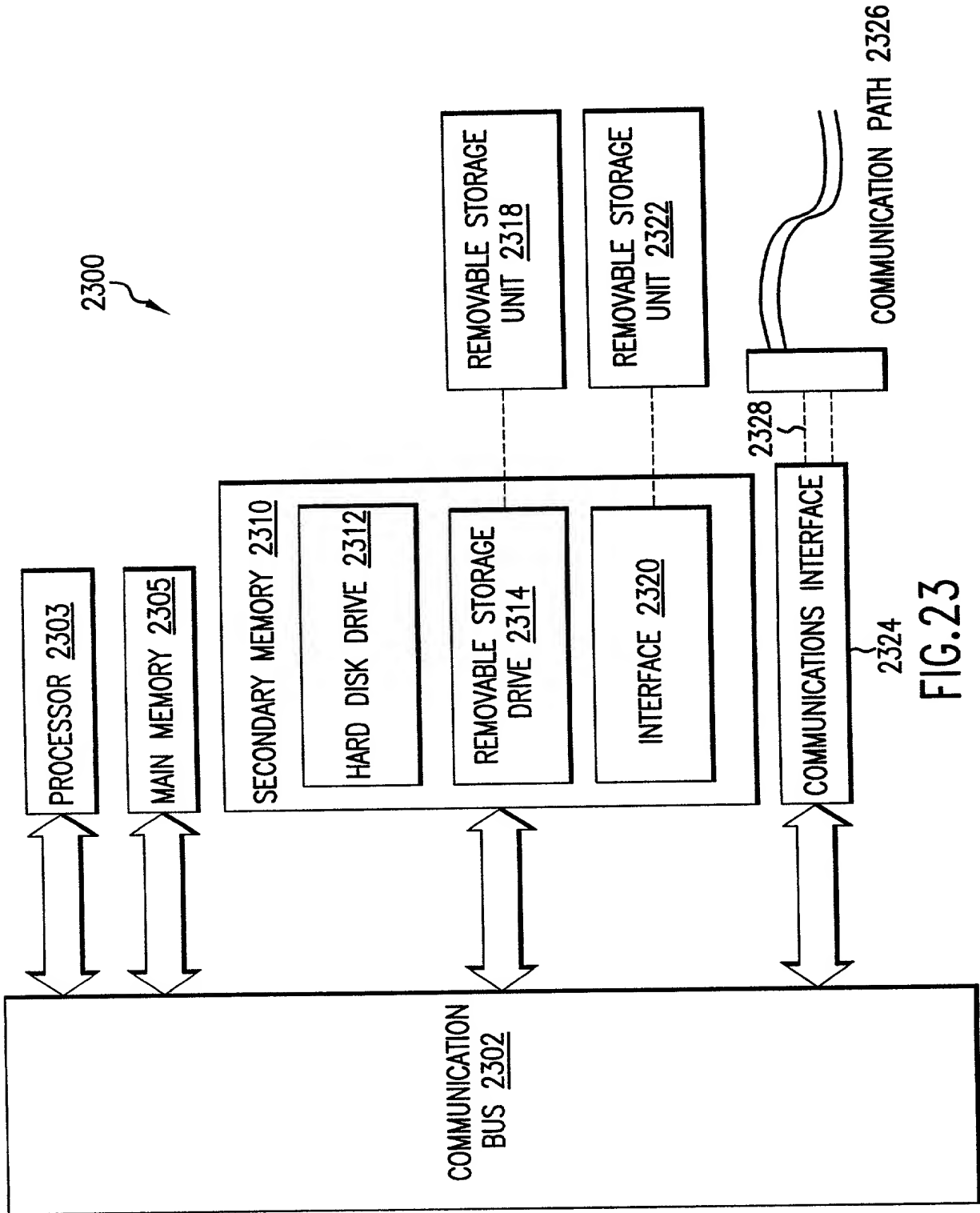


FIG. 23